

IN THE SPECIFICATION:

Please rewrite the paragraphs that appear at page 9, line 5, through page 10, line 9, as follows:

~~--The present invention has been made in order to solve the above-noted problems, and an object thereof is to provide a color image forming apparatus which can change a color measuring condition in adaptation to a reflectance predicted from the forming condition of color images to be detected and detect an amount of reflected light, and adjust the image forming condition from the amount of reflected light of each of the detected color images to thereby accurately effect the color measurement of each color image irrespective of the reflectance of each color image, and accurately detect the hues and density of the color images which are the objects of detection and form a color image excellent in color reproducibility, a color measurement controlling method for the color image forming apparatus, and a storage medium and a program capable of being read by a computer.~~

~~—— Another object of the present invention is to provide a color image forming apparatus characterized by color measuring means for applying light to each image classified by the color of a developer and formed on a transferring material, and detecting reflected light from the image by an optical sensor, setting means for varying and setting the detecting condition of the color measuring means in conformity with predicted reflectance, and control means for adjusting an image forming condition on the basis of the reflected light detected by the color measuring means in accordance with the detecting condition varied and set by the setting means.~~

~~—— Still another object of the present invention is to provide a color measurement controlling method for a color image forming apparatus characterized by the color~~

~~measuring step of applying light to each image classified by the color of a developer and formed on a transferring material, and detecting reflected light from the image by an optical sensor, the setting step of varying and setting the detecting condition of the color measuring step by the color of each developer in conformity with a predicted reflectance, and the controlling step of adjusting an image forming condition on the basis of the reflected light detected at the color measuring step in accordance with the detecting condition varied and set by the setting step~~

One aspect of the present invention is a color image forming apparatus that comprises an image forming unit which forms a color image on a recording material, and a color measuring unit that optically measures plural colors of each of plural patch images formed on a recording material by the image forming unit, by detecting reflected light of each color from each patch image. A measuring condition controller variably sets a measuring condition of the color measuring unit in accordance with the patch image to be measured, and a forming condition controller controls an image forming condition on the basis of a measuring result from the color measuring unit.

Another aspect of the invention is a method of color measurement control for forming a color image on a recording material. The method includes forming a plurality of a color image on a recording material, and variably setting a measuring condition to be observed in color-measuring a patch image, in accordance with the patch image to be measured. Each of plural colors of each of a plurality of patch images formed on a recording material is optically measured, by detecting reflected light of each of those colors, from the plurality of patch images. An image forming condition is controlled based on a measuring result obtained in the color measuring step.--